

18. (New) Apparatus as in Claim 15 wherein the cutter includes:

- a) a drive roller for moving the calibration print the predetermined distance corresponding to the preset setting;
- b) a knife for making a cut across the calibration print at the start and at the end of the predetermined distance; and
- c) the scanning means deriving the input signal responsive to the difference between the actual distance between the cuts and the predetermined distance.

19. (New) Apparatus for calibrating at least one component of a cutter associated with an image printer comprising:

- a) the cutter having an adjustable component preset to a first setting;
- b) a drive means for moving a calibration print produced by the image printer through the cutter;
- c) a scanner for scanning the calibration print as it passes through the cutter and measuring a feature of the calibration print affected by the setting of the adjustable component; and
- d) adjusting means acting responsive to the measurement to change the preset setting of the adjustable component.

20. (New) Apparatus as in Claim 19 wherein:

- a) the adjustable component is the intensity of the illumination of a fiducial mark on the calibration print;
- b) the first setting is a preset voltage setting related to a desired intensity of the illumination of the fiducial mark; and

c) the adjusting means acts responsive to a measurement of the actual fiducial mark illumination to adjust the preset voltage and thereby increase or decrease the illumination of the fiducial mark to produce the desired intensity.

21. (New) Apparatus as in Claim 19 wherein:

a) the calibration print includes a pair fiducial marks spaced a known distance apart;

b) the adjustable component is a stepper motor drive for moving the calibration print through the cutter;

c) the preset setting is the linear distance the stepper motor moves the calibration print with each step;

d) the sensor being operable to measure the distance between the spaced fiducial marks as the calibration print is moved through the cutter by the stepper motor; and

e) the adjusting means acting responsive to the measurement to change the preset setting to adjust the linear distance the stepper motor moves the calibration print with each step so the linear distance coincides with the known distance between the fiducial marks.